

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

5 **Claim 1 (currently amended):** A welding system, comprising:

an operator control panel configured to receive a welding program and process the welding program, said operator control module configured to communicate the welding program to a plurality of modules, said welding program comprising a welding voltage;

10 a power supply at least one module controlled by said welding program, said power supply module configured to receive said welding voltage and communicate said welding voltage to a welding power supply, said power supply module configured to receive a feedback voltage from said power supply; and

a common bus that permits communications between said operator control
15 panel and said plurality of modules. ~~at least one module.~~

Claim 2 (cancelled).

Claim 3 (currently amended): The welding system of claim 1 wherein one of said plurality of modules is ~~said at least one module comprises~~ a wire feed module that communicates a wire feed speed to a wire feeder, said wire speed determined by said welding program.

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Cancel claims 4 – 6.

Claim 7 (currently amended): The welding system of claim 1 wherein one of said plurality of modules is ~~said at least one module comprises~~ an oscillator module in communication with said operator control panel, said oscillator module configured to control an oscillator slide.

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Cancel claims 8 – 20.

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Claim 21 (currently amended): A welding system, comprising:

an operator control panel configured to receive a welding program, said operator control panel comprising a CPU configured to process said welding program, said operator control module configured to communicate the welding
5 program to a plurality of modules, said welding program comprising a welding
voltage;

a power supply at least one module controlled by said welding program, said
power supply module configured to receive said welding voltage and communicate
said welding voltage to a welding power supply, said power supply module
10 configured to receive a feedback voltage from said power supply; and

a common bus that permits communications between said operator control panel and said plurality of modules. ~~at least one module.~~

Claim 22 (cancelled).

15 **Claim 23 (currently amended):** The welding system of claim 21, ~~claim 22,~~ wherein one of said plurality of modules is ~~said at least one module comprises~~ a wire feed module that communicates a wire feed speed to a wire feeder, said wire speed determined by said welding program.

Claim 24 (currently amended): The welding system of claim 23, wherein one of
said plurality of modules is ~~said at least one module comprises~~ an oscillator module
in communication with said operator control panel, said oscillator module
configured to control an oscillator slide.